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INFORMATION DISCLOSURE STATEMENT			FIRST NAMED INVENTOR Lee <i>et al.</i>				
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
BLS	AA1	4,038,480	07/26/1977	Robins <i>et al.</i>			09/17/1973
BLS	AB1	4,088,639	05/09/1978	Zappelli <i>et al.</i>			06/12/1975
BLS	AC1	4,213,893	07/22/1980	Carrico <i>et al.</i>			10/12/1978
BLS	AD1	4,255,566	03/10/1981	Carrico <i>et al.</i>			02/19/1980
BLS	AE1	4,443,594	04/17/1984	Bückmann			09/08/1981
BLS	AF1	4,460,772	07/17/1984	Benovic <i>et al.</i>			05/11/1983
BLS	AG1	4,582,789	04/15/1986	Sheldon, III <i>et al.</i>			12/18/1984
BLS	AH1	4,599,303	07/08/1986	Yabusaki <i>et al.</i>			12/12/1983
BLS	AI1	4,617,261	10/14/1986	Sheldon, III <i>et al.</i>			10/25/1985
BLS	AJ1	4,683,195	07/28/1987	Mullis <i>et al.</i>			02/07/1986
BLS	AK1	4,683,202	07/28/1987	Mullis			10/25/1985
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
BLS	AL1	WO 92/06188 A2	04/16/1992	WIPO			Yes No
BLS	AM1	WO 92/06200 A1	04/16/1992	WIPO			Yes No
BLS	AN1	EP 0 329 822 B1	06/08/1994	Europe			Yes No
BLS	AO1	WO 95/35505 A1	12/28/1995	WIPO			Yes No
BLS	AP1	WO 96/10640 A1	04/11/1996	WIPO			Yes No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
BLS	AR	1	Agrawal, S., "Functionalization of Oligonucleotides with Amino Groups and Attachment of Amino Specific Reporter Groups," in: <i>Methods in Molecular Biology, Vol. 26, Protocols for Oligonucleotide Conjugates</i> , Agrawal, S., ed., Humana Press, Totowa, NJ, pp. 93-120 (1994)				
BLS	AS	1	Augustyns, K., <i>et al.</i> , "Synthesis of oligonucleotides modified in the sugar moiety," <i>Nucl. Acids Res. Symp. Series</i> 24:224, Oxford University Press (1991)				
BLS	AT	1	Baird, G.S., <i>et al.</i> , "Biochemistry, mutagenesis, and oligomerization of DsRed, a red fluorescent protein from coral," <i>Proc. Natl. Acad. Sci. USA</i> 97:11984-11989, National Academy of Sciences (2000)				
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BLS	AA2	4,707,440	11/17/1987	Stavrianopoulos			01/30/1984
BLS	AB2	4,711,955	12/08/1987	Ward <i>et al.</i>			05/23/1983
BLS	AC2	4,737,454	04/12/1988	Dattagupta <i>et al.</i>			05/18/1984
BLS	AD2	4,743,535	05/10/1988	Carrico			11/07/1984
BLS	AE2	4,770,992	09/13/1988	Van den Engh <i>et al.</i>			11/27/1985
BLS	AF2	4,828,979	05/09/1989	Klevan <i>et al.</i>			11/08/1984
BLS	AG2	4,889,818	12/26/1989	Gelfand <i>et al.</i>			06/17/1987
BLS	AH2	4,965,188	10/23/1990	Mullis <i>et al.</i>			06/17/1987
BLS	AI2	5,244,797	09/14/1993	Kotewicz <i>et al.</i>			03/18/1991
BLS	AJ2	5,374,553	12/20/1994	Gelfand <i>et al.</i>			08/13/1990
BLS	AK2	5,409,818	04/25/1995	Davey <i>et al.</i>			06/24/1988

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BLS	AL2	WO 98/06736 A1	02/19/1998	WIPO			Yes No
BLS	AM2	WO 98/08981 A1	03/05/1998	WIPO			Yes No
BLS	AN2	WO 98/47912 A1	10/29/1998	WIPO			Yes No
BLS	AO2	WO 98/51699 A1	11/19/1998	WIPO			Yes No
BLS	AP2	WO 99/15702 A1	04/01/1999	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BLS	AR	2	Barnes, W.M., "The fidelity of <i>Taq</i> polymerase catalyzing PCR is improved by an N-terminal deletion," <i>Gene</i> 112:29-35, Elsevier Science Publishers B.V. (1992)
BLS	AS	2	Barrio, J.R., <i>et al.</i> , "Fluorescent Adenosine and Cytidine Derivatives," <i>Biochem. Biophys. Res. Commun.</i> 46:597-604, Academic Press, Inc. (1972)
BLS	AT	2	Bevis, B.J. and Glick, B.S., "Rapidly maturing variants of the <i>Discosoma</i> red fluorescent protein (DsRed)," <i>Nature Biotechnol.</i> 20:83-87, Nature Publishing Group (January 2002)

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BLS	AA3	5,436,149	07/25/1995	Barnes			02/19/1993
BLS	AB3	5,455,166	10/03/1995	Walker			01/09/1992
BLS	AC3	5,512,462	04/30/1996	Cheng			02/25/1994
BLS	AD3	5,668,005	09/16/1997	Kotewicz <i>et al.</i>			03/12/1996
BLS	AE3	5,948,614	09/07/1999	Chatterjee			09/06/1996
BLS	AF3	6,015,668	01/18/2000	Hughes <i>et al.</i>			09/06/1996
BLS	AG3	6,063,608	05/16/2000	Kotewicz <i>et al.</i>			02/10/1997
BLS	AH3	2001/0041334 A1	11/15/2001	Rashtchian <i>et al.</i>			12/21/2000
BLS	AI3	2002/0012970 A1	01/31/2002	Smith <i>et al.</i>			03/30/2001
BLS	AJ3	2002/0090618 A1	07/11/2002	Smith <i>et al.</i>			05/01/2001
BLS	AK3	2003/0003452 A1	01/02/2003	Potter <i>et al.</i>			03/15/2001

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BLS	AL3	WO 00/52191 A1	09/08/2000	WIPO			Yes No
BLS	AM3	WO 01/092500 A1	12/06/2001	WIPO			Yes No
BLS	AN3	WO 01/68895 A1	09/20/2001	WIPO			Yes No
BLS	AO3	WO 02/04022 A1	01/17/2002	WIPO			Yes No
BLS	AP3	EP 0 684 315 B1	06/26/2002	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BLS	AR	3	Campbell, R.E., <i>et al.</i> , "A monomeric red fluorescent protein," <i>Proc. Natl. Acad. Sci. USA</i> 99:7877-7882, National Academy of Sciences (June 2002)
BLS	AS	3	Chiesa, A., <i>et al.</i> , "Recombinant aequorin and green fluorescent protein as valuable tools in the study of cell signalling," <i>Biochem. J.</i> 355:1-12, The Biochemical Society (2001)
BLS	AT	3	Churchich, J.E., "Fluorescence studies on soluble ribonucleic acid labelled with acriflavine," <i>Biochim. Biophys. Acta</i> 75:274-276, Elsevier Publishing Company (1963)

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	AO						Yes No
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BLS	AR	4	Cristofari, G., <i>et al.</i> , "Characterization of Active Reverse Transcriptase and Nucleoprotein Complexes of the Yeast Retrotransposon Ty3 <i>in Vitro</i> ," <i>J. Biol. Chem.</i> 274:36643-36648, American Society for Biochemistry and Molecular Biology, Inc. (1999)
BLS	AS	4	Draper, D.E. and Gold, L., "A Method for Linking Fluorescent Labels to Polynucleotides: Application to Studies of Ribosome-Ribonucleic Acid Interactions," <i>Biochem.</i> 19:1774-1781, American Chemical Society (1980)
BLS	AT	4	Folsom, V., <i>et al.</i> , "Detection of DNA Targets with Biotinylated and Fluoresceinated RNA Probes," <i>Anal. Biochem.</i> 182:309-314, Academic Press, Inc. (1989)

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BLS	AR	5	Flaman, J.-M., <i>et al.</i> , "A rapid PCR fidelity assay," <i>Nucl. Acids Res.</i> 22:3259-3260, Oxford University Press (1994)
BLS	AS	5	Gebeyehu, G., <i>et al.</i> , "Novel biotinylated nucleotide - analogs for labelling and colorimetric detection of DNA," <i>Nucl. Acids Res.</i> 15:4513-4534, IRL Press Ltd. (1987)
BLS	AT	5	Gerard, G.F., <i>et al.</i> , "cDNA Synthesis by Moloney Murine Leukemia Virus RNase H-Minus Reverse Transcriptase Possessing Full DNA Polymerase Activity," <i>Focus</i> 14:91-93, Life Technologies, Inc. (1992)

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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BLS	AR	6	Goodchild, J., "Conjugates of Oligonucleotides and Modified Oligonucleotides: A Review of Their Synthesis and Properties," <i>Bioconj. Chem.</i> 1:165-187, American Chemical Society (1990)
BLS	AS	6	Gubler, U. and Hoffman, B.J., "A simple and very efficient method for generating cDNA libraries," <i>Gene</i> 25:263-269, Elsevier Science Publishers (1983)
BLS	AT	6	Guzaev, A., <i>et al.</i> , "Synthesis and Primer Properties of Oligonucleotides Containing 3'-Deoxypsicothymidine Units, Labeled with Fluorescein at the 1'-Position," <i>Bioconj. Chem.</i> 5:501-503, American Chemical Society (1994)

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	AN						Yes No
	AO						Yes No
	AP						Yes No

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BLS	AR	I	Hileman, R.E., et al., "Synthesis and Characterization of Conjugates Formed between Periodate-Oxidized Ribonucleotides and Amine-Containing Fluorophores," <i>Bioconj. Chem.</i> 5:436-444, American Chemical Society (1994)
BLS	AS	I	Knop, M., et al., "Improved Version of the Red Fluorescent Protein (drFP583/DsRed/RFP)," <i>BioTechniq.</i> 33:592-602, Eaton Publishing Co. (July 2002)
BLS	AT	I	Kotewicz, M.L., et al., "Isolation of cloned Moloney murine leukemia virus reverse transcriptase lacking ribonuclease H activity," <i>Nucl. Acids Res.</i> 16:265-277, IRL Press Ltd. (1988)

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	AO						Yes No
	AP						Yes No

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BLS	AR	8	Krug, M.S. and Berger, S.L., "First-Strand cDNA Synthesis Primed with Oligo(dT)," <i>Meth. Enzymol.</i> 152:316-325, Academic Press, Inc. (1987)
BLS	AS	8	Larrick, J.W., et al., "Green fluorescent protein: untapped potential in immunotechnology," <i>Immunotechnol.</i> 1:83-86, Elsevier Science B.V. (1995)
BLS	AT	8	Lawyer, F.C., et al., "High-level Expression, Purification, and Enzymatic Characterization of Full-length <i>Thermus aquaticus</i> DNA Polymerase and a Truncated Form Deficient in 5' to 3' Exonuclease Activity," <i>PCR Meth. Appl.</i> 2:275-287, Cold Spring Harbor Laboratory Press (1993)

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BLS	AR	9	Leonard, N.J. and Tolman, G.L., "Fluorescent Nucleosides and Nucleotides," in: <i>Chemistry, Biology, and Clinical Uses of Nucleoside Analogs</i> , Bloch, A., ed., The New York Academy of Sciences, New York, NY, pp.43-58 (1975)
BLS	AS	9	Levina, A.S., <i>et al.</i> , "Oligonucleotide Derivatives Bearing Reactive and Stabilizing Groups Attached to C5 of Deoxyuridine," <i>Bioconj. Chem.</i> 4:319-325, American Chemical Society (1993)
BLS	AT	9	Maniatis, T., <i>et al.</i> , "The Isolation of Structural Genes from Libraries of Eucaryotic DNA," <i>Cell</i> 15:687-701, MIT (1978)

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BLS	AR	10	Mao, J.-R., <i>et al.</i> , "An Unusual Bacterial Reverse Transcriptase Having LVDD in the YXDD Box from <i>Escherichia coli</i> ," <i>Biochem. Biophys. Res. Commun.</i> 227:489-493, Academic Press, Inc. (1996)
BLS	AS	10	Meyer, R.B., Jr., "Incorporation of Modified Bases into Oligonucleotides," in: <i>Methods in Molecular Biology, Vol. 26, Protocols for Oligonucleotide Conjugates</i> , Agrawal, S., ed., Humana Press, Totowa, NJ, pp. 73-91 (1994)
BLS	AT	10	Mules, E.H., <i>et al.</i> , "In Vivo Ty1 Reverse Transcription Can Generate Replication Intermediates with Untidy Ends," <i>J. Virol.</i> 72:6490-6503, American Society for Microbiology (1998)

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BLS	AR	11	Okayama, H. and Berg, P., "High-Efficiency Cloning of Full-Length cDNA," <i>Molec. Cell. Biol.</i> 2:161-170, American Society for Microbiology (1982)
BLS	AS	11	Ono, A., <i>et al.</i> , "Nucleosides and Nucleotides. 121. Synthesis of Oligonucleotides Carrying Linker Groups at the 1'-Position of Sugar Residues," <i>Bioconj. Chem.</i> 4:499-508, American Chemical Society (1993)
BLS	AT	11	Pease, A.C., <i>et al.</i> , "Light-generated oligonucleotide arrays for rapid DNA sequence analysis," <i>Proc. Natl. Acad. Sci. USA</i> 91:5022-5026, National Academy of Sciences (1994)

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BLS	AR	12	Sacchetti, A., <i>et al.</i> , "The molecular determinants of the efficiency of green fluorescent protein mutants," <i>Histol. Histopathol.</i> 15:101-107, Jiménez Godoy, S.A. (2000)
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DATE CONSIDERED 09/30/2006

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT
 ATTY. DOCKET NO.
 0942.5690001/RWE/J-M
 FIRST NAMED INVENTOR
 Lee *et al.*

 APPLICATION NO.
 10/821,128

 FILING DATE
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 ART UNIT
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BLS	AR	<u>13</u>	Terskikh, A.V., <i>et al.</i> , "Analysis of DsRed Mutants," <i>J. Biol. Chem.</i> 277:7633-7636, American Society for Biochemistry and Molecular Biology, Inc. (March 2002)
BLS	AS	<u>13</u>	Verkhusha, V.V., <i>et al.</i> , "An Enhanced Mutant of Red Fluorescent Protein DsRed for Double Labeling and Developmental Timer of Neural Fiber Bundle Formation," <i>J. Biol. Chem.</i> 276:29621-29624, American Society for Biochemistry and Molecular Biology, Inc. (2001)
BLS	AT	<u>13</u>	Viscidi, R.P., <i>et al.</i> , "Novel Chemical Method for the Preparation of Nucleic Acids for Nonisotopic Hybridization," <i>J. Clin. Microbiol.</i> 23:311-317, American Society for Microbiology (1986)

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

BLS	AR	<u>14</u>	Yamana, K., <i>et al.</i> , "Incorporation of Two Anthraquinonylmethyl Groups into the 2'-O-Positions of Oligonucleotides: Increased Affinity and Sequence Specificity of Anthraquinone-Modified Oligonucleotides in Hybrid Formation with DNA and RNA," <i>Bioconj. Chem.</i> 7:715-720, American Chemical Society (1996)
BLS	AS	<u>14</u>	Zofall, M. and Bartholomew, B., "Two novel dATP analogs for DNA photoaffinity labeling," <i>Nucl. Acids Res.</i> 28:4382-4390, Oxford University Press (2000)
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